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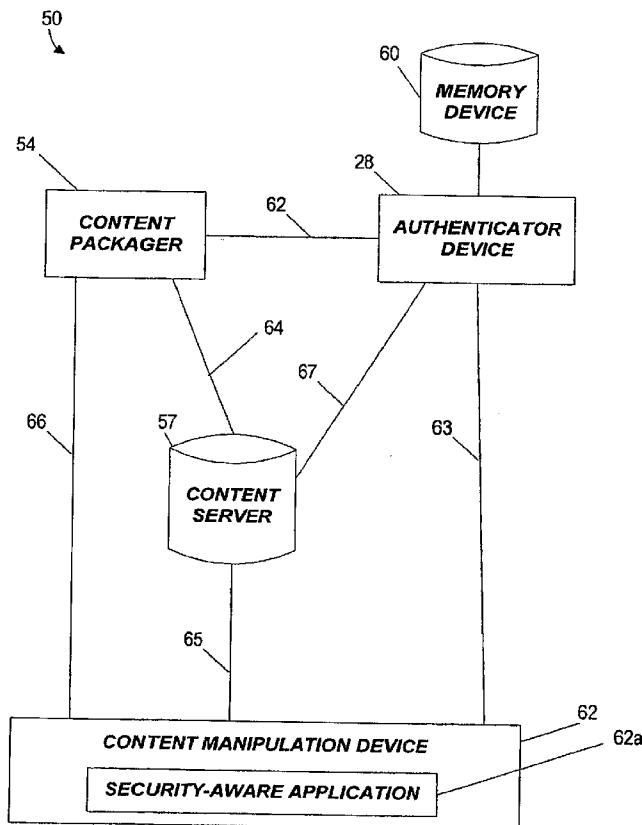
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[Continued on next page]

(54) Title: SECURE DIGITAL CONTENT MANAGEMENT USING MUTATING IDENTIFIERS



(57) Abstract: Methods and system for managing manipulation of digital content stored in a content server. One method includes receiving a first mutating identifier at a content manipulation device. The first mutating identifier includes a first secret key. The method also includes generating a content request for digital content stored in the content server at the content manipulation device, the content request encrypted with the first secret key and including an identifier of the digital content; transmitting the content request to an authenticator over at least one communication link; transmitting access rights from the authenticator to the content manipulation device over at least one communication link; transmitting the digital content from the content server to the content manipulation device; manipulating the digital content at the content manipulation device based on the access rights; and marking the first mutating identifier as used at the authenticator.

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FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT,
RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA,
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USPC: 705/57
According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED
Minimum documentation searched (classification system followed by classification symbols)
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USPC: 705/51, 57, 67, 71; 713/150, 161, 169, 171; 715/741

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
Electronic databases: USPTO WEST (PGPB, USPT, EPAB, JPAB); DIALOG PRO; GOOGLE
Search Terms Used: mutat\$, identifi\$, point of sale, POS, encrypt\$, transaction\$, payment\$, sale etc.

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 2003/0187799 A1 (SELLARS et al.) 02 October 2003 (02.10.2003), entire document	1-63
Y	US 2002/0082997 A1 (KOBATA et al.) 27 June 2002 (27.06.2002), para [0020]-[0032], [0066], [0079]-[0086], [0123]-[0134], [0168], [0204]-[0208]	1-63
A	US 2005/1031838 A1 (WOODWARD) 16 June 2005 (16.06.2005)	1-63
A	US 2002/0107791 A1 (NOBREGA et al.) 08 August 2002 (08.08.2002)	1-63

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